

02/06/02

1-951 U.S. PTO

02-08-02

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Please sign a plus sign (+) inside this box ☒Approved for use through 10/31/2002, OMB 0651-0032  
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.UTILITY  
PATENT APPLICATION  
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

|                        |  |
|------------------------|--|
| Attorney Docket        | 960296.97923   |
| First Inventor         | James A. Thomson                                     |
| Title                  | Method for Identifying Intercellular Protein Factors |
| Express Mail Label No. | ET929172616US  |

## APPLICATION ELEMENTS

See MPEP Chapter 600 concerning utility patent application contents.

ADDRESS TO: Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

1. ☒ Fee transmittal Form  
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 16]  
(preferred arrangement set forth below)  
- Descriptive title of the invention  
- Cross References to Related Applications  
- Statement Regarding Fed Sponsored R&D  
- Reference to sequence listing, a table  
or a computer program listing appendix  
- Background of the Invention  
- Brief Summary of the Invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure
4. ☒ Drawing(s) (35 USC 113) [Total Sheets 3]
5. Oath or Declaration [Total Pages 3]  
a. ☒ Unexecuted (original or copy)  
b. ☐ Copy from prior Application (37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)  
i. ☐ DELETION OF INVENTOR(S)  
Signed Statement attached deleting inventor(s)  
named in prior application, see 37CFR 1.63(d)(2)  
and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table  
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)  
a. ☐ Computer Readable Form (CRF)  
b. Specification Sequence Listing on  
i. ☐ CD-ROM or CD-R (2 Copies); or  
ii. ☐ Paper  
c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & documents)
10. ☐ 37 CFR 3.73(b) Statement of Power of Attorney  
(where there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS  
Citations
13. ☐ Preliminary Amendment
14. ☒ Return receipt postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified copy of priority Document(s)  
(if foreign priority is claimed)
16. ☐ Other:

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information: and in a preliminary amendment or in an Application Data Sheet under 37 CFR 1.76

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application no. \_\_\_\_\_  
Prior application information: Examiner: \_\_\_\_\_ Group/Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 18. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or ☒ Correspondence address below

|         |                         |           |              |
|---------|-------------------------|-----------|--------------|
| NAME    | Nicholas J. Seay        |           |              |
|         | Quarles & Brady LLP     |           |              |
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|           |                  |                                   |                        |
|-----------|------------------|-----------------------------------|------------------------|
| Name      | Nicholas J. Seay | Registration No. (Attorney/Agent) | 27,386                 |
| Signature |                  |                                   | Date: February 6, 2002 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. GBAA032487

**FEE TRANSMITTAL  
FOR FY 2002**

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT \$ 370.00

**Complete if Known**

|                        |                  |
|------------------------|------------------|
| Application Number     |                  |
| Filing Date            |                  |
| First Named Inventor   | James A. Thomson |
| Group Art Unit         |                  |
| Examiner Name          |                  |
| Attorney Docket Number | 960296.97923     |

**METHOD OF PAYMENT (check one)**1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:Deposit Account Number 17-0055Deposit Account Name Quarles & Brady LLP☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17☒ Applicant claims small entity status See 37 CFR 1.27☐ Payment Enclosed:☐ Check ☐ Credit Card ☐ Money Order ☐ Other**FEE CALCULATION****BASIC FILING FEE**

| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description        | Fee Paid |
|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|----------|
| 01                    | 740                   | 201                   | 370                   | Utility filing fee     | 370      |
| 106                   | 330                   | 206                   | 165                   | Design filing fee      |          |
| 107                   | 510                   | 207                   | 255                   | Plant filing fee       |          |
| 108                   | 740                   | 208                   | 370                   | Reissue filing fee     |          |
| 114                   | 160                   | 214                   | 80                    | Provisional filing fee |          |

SUBTOTAL (1) (\$)370.00**2. CLAIMS**

|                       | Extra           | Fee from below | Fee Paid  |
|-----------------------|-----------------|----------------|-----------|
| Total Claims <u>6</u> | -20**= <u>0</u> | X <u></u>      | = <u></u> |
| Independent <u>2</u>  | -3**= <u>0</u>  | X <u></u>      | = <u></u> |

Multiple Dependent Claims

\*\* or number previously paid, if greater. For reissues see below

| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description   |
|-----------------------|-----------------------|-----------------------|-----------------------|---|
| 103                   | 18                    | 203                   | 9                     | Claims in excess of 20                                    |
| 102                   | 84                    | 202                   | 42                    | Independent claims in excess of 3                         |
| 104                   | 280                   | 204                   | 140                   | Multiple dependent claim                                  |
| 109                   | 84                    | 209                   | 42                    | **Reissue independent claims over original patent         |
| 110                   | 18                    | 210                   | 9                     | **Reissue claims in excess of 20 and over original patent |


SUBTOTAL (2) (\$)0.00**FEE CALCULATION (continued)**

| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description  | Fee Paid |
|-----------------------|-----------------------|-----------------------|-----------------------|--|----------|
| 105                   | 130                   | 205                   | 65                    | Surcharge - late filing fee or oath  |          |
| 127                   | 50                    | 227                   | 25                    | Surcharge - late provisional filing fee or cover sheet                     |          |
| 139                   | 130                   | 139                   | 130                   | Non-English specification  |          |
| 147                   | 2,520                 | 147                   | 2,520                 | For filing a request for reexamination                                     |          |
| 112                   | 920                   | 112                   | 920                   | Requesting publication of SIR prior to Examiner action                     |          |
| 113                   | 1,840                 | 113                   | 1,840                 | Requesting publication of SIR after Examiner action                        |          |
| 115                   | 110                   | 215                   | 55                    | Extension for reply within first month                                     |          |
| 116                   | 400                   | 216                   | 200                   | Extension for reply within second month                                    |          |
| 117                   | 920                   | 217                   | 460                   | Extension for reply within third month                                     |          |
| 118                   | 1,440                 | 218                   | 720                   | Extension for reply within fourth month                                    |          |
| 128                   | 1,960                 | 228                   | 980                   | Extension for reply within fifth month                                     |          |
| 119                   | 320                   | 219                   | 160                   | Notice of Appeal   |          |
| 120                   | 320                   | 220                   | 160                   | Filing a brief in support of an appeal                                     |          |
| 121                   | 280                   | 221                   | 140                   | Request for oral hearing   |          |
| 138                   | 1,510                 | 138                   | 1,510                 | Petition to institute a public use proceeding                              |          |
| 140                   | 110                   | 240                   | 55                    | Petition to revive unavoidably abandoned application                       |          |
| 141                   | 1,280                 | 241                   | 640                   | Petition to revive unintentionally abandoned application                   |          |
| 142                   | 1,280                 | 242                   | 640                   | Utility issue fee (for reissue)  |          |
| 143                   | 460                   | 243                   | 230                   | Design issue fee   |          |
| 144                   | 620                   | 244                   | 310                   | Plant issue fee  |          |
| 122                   | 130                   | 122                   | 130                   | Petitions to the Commissioner  |          |
| 123                   | 50                    | 123                   | 50                    | Petitions related to provisional applications                              |          |
| 126                   | 180                   | 126                   | 180                   | Submission of Information Disclosure Stmt                                  |          |
| 581                   | 40                    | 581                   | 40                    | Recording each patent assignment per property (times number of properties) |          |
| 146                   | 740                   | 246                   | 370                   | Filing a submission after final rejection (37 CFR 1.129(a))                |          |
| 146                   | 740                   | 246                   | 370                   | For each additional invention to be examined (37 CFR 1.129(b))             |          |
| 179                   | 740                   | 270                   | 370                   | Request for Continued Examination (RCE)                                    |          |
| 169                   | 900                   | 169                   | 900                   | Request for expedited examination of a design application                  |          |

Other fee (specify) \_\_\_\_\_

\* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)0.00**SUBMITTED BY**

|                       |   |                                  |        |           |                  |
|-----------------------|---|----------------------------------|--------|-----------|------------------|
| Typed or Printed Name | Nicholas J. Seay  | Registration No (Attorney/Agent) | 27,386 | Telephone | 608/251-5000     |
| Signature             |  |                                  |        | Date      | February 6, 2002 |

**Complete (if applicable)**



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February 6, 2002

Commissioner for Patents  
Box Patent Application  
P O Box 2327  
Arlington, VA 22202

Re: Filing Patent Application

Dear Sir:

Enclosed for filing please find a patent application entitled:

METHOD FOR IDENTIFYING INTERCELLULAR PROTEIN FACTORS

by James A. Thomson  
Ren-He Xu

The undersigned hereby certifies that this document is being deposited with the United States Postal Service today, February 6, 2002, by the "Express Mail" service, utilizing Express Mail label number ET929172616US, addressed to: Commissioner for Patents, Box Patent Application, P O Box 2327, Arlington, VA 22202.

Please indicate receipt of this application by returning the attached postcard with the official Patent and Trademark Office receipt and serial number stamped thereon.

Respectfully submitted,

Enclosures  
QBMAD324606

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